

IN THE CLAIMS:

Please amend the claims as indicated below:

1. (Cancelled).
2. (Cancelled).
- 5 3. (Cancelled).
4. (Cancelled).
- 10 5. (Cancelled).
6. (Cancelled).
7. (Cancelled).
- 15 8. (Cancelled).
9. (Cancelled).
- 20 10. (Cancelled).
11. (Cancelled).
12. (Cancelled).
- 25 13. (Cancelled).
14. (Cancelled).

15. (Cancelled)

16. (Cancelled)

5 17. (Cancelled)

18. (Cancelled)

19. (Currently Amended) A method for periodically broadcasting levels of
10 detail of stroke data, comprising the steps of:

determining original stroke data from a whiteboard;

for each of a plurality of levels of detail, determining predicted stroke data
from the original stroke data, wherein the step of determining predicted stroke data
further comprises the steps of: for a lowest level of detail, determining segmentation
15 points of the original stroke data and using the segmentation points as the predicted
stroke data for the lowest level of detail; and for higher levels of detail, determining
feature points determined by using an area-based error method that uses points in a lower
level of detail, wherein the feature points are used as the predicted stroke data; and
periodically transmitting the predicted stroke data for each level of detail.

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20. (Original) The method of claim 19, wherein the step of periodically
transmitting further comprises the steps of:

determining a latency for each level of detail; and

transmitting each level of detail within its respective latency.

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21. (Original) The method of claim 20, further comprising the step of
determining bandwidth for each level of detail by using a respective latency.

22. (Cancelled)

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23. (Currently Amended) The method of claim 19 22, wherein the step of determining feature points determined by using an area-based error method that uses points in a lower level of detail further comprises the steps of:

determining two points that are contained in a lower level of detail; and

5 iterating the following steps until a first area is within a predetermined amount from a second area:

selecting a prediction point from the original stroke data, wherein the prediction point is between the two points on a line formed by the original stroke data;

10 selecting a local point immediately prior to or after the prediction point on the line formed by the original stroke data;

determining the first area of a triangle formed by the prediction point, one of the two points, and the local point;

15 determining the second area of a triangle formed by the prediction point, the other of the two points, and the local point;

comparing the first and second areas; and

when the first area is within a predetermined amount from the second area, selecting the prediction point as a feature point.

20 24. (Original) The method of claim 19, further comprising the steps of:
receiving a set of the levels of detail; and
displaying this set of the levels of detail by combining points from the each level of detail in the set.

25 25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

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31. (Cancelled).

32. (Cancelled).

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33. (Cancelled).

34. (Cancelled).

15 35. (Cancelled).

36. (Cancelled).

37. (Cancelled).

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38. (Currently Amended) A system for periodically broadcasting levels of detail of stroke data, comprising:

a memory that stores computer-readable code; and

25 a processor operatively coupled to the memory, the processor configured to implement the computer-readable code, the computer-readable code configured to:

determine original stroke data from a whiteboard;

30 for each of a plurality of levels of detail, determine predicted stroke data from the original stroke data, wherein the computer-readable code is further configured, when determining predicted stroke data, to: for a lowest level of detail, determine segmentation points of the original stroke data and using the segmentation points as the

predicted stroke data for the lowest level of detail; and for higher levels of detail,
determine feature points determined by using an area-based error method that uses points
in a lower level of detail, wherein the feature points are used as the predicted stroke data;
and

5 periodically transmit the predicted stroke data for each level of detail.

39.-59. (Cancelled)